

1                   which manual handling of orders is required by  
2                   design because mechanization is not technologically  
3                   possible or would be too costly to be efficient.<sup>32</sup>

4           The notion here is apparently that the latter kind of costs would be normal  
5           provisioning costs instead of service order fallout costs. Verizon does not reflect  
6           legitimate designed manual provisioning costs as opposed to order fallout in its  
7           study.

8                   For instance, AT&T/WorldCom asked Verizon to explain why its non-  
9           recurring cost model did not reflect the manual activities that Verizon's NRC  
10          Panel claimed were necessary in its example at page 13 of its rebuttal testimony:

11                   One example would be the assignment of facilities  
12                   needed for the installation of a new DS1 loop. DS1  
13                   facilities in the local loop are not inventoried in  
14                   Verizon's Loop Facility Assignment and Control  
15                   System (LFACS) because that system is not  
16                   equipped to handle the demands of multi-channel  
17                   facilities like a DS1. As a result, orders for DS1  
18                   loops are directed to the Mechanized Loop  
19                   Assignment Center (MLAC) and are then forwarded  
20                   to the Outside Plant Engineer for manual handling.

21                   AT&T/World Com specifically asked Verizon to explain why the  
22          Engineer's time was not reflected in its non-recurring cost study. Verizon replied:

23                   The activity of the outside plant engineer in  
24                   assigning a facility for the DS1 most resembles the  
25                   functions performed by CPC [Circuit Provisioning  
26                   Center], though it is performed primarily in the  
27                   local loop. That activity, therefore, is described by

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32          Verizon NRC Panel Rebuttal at 13.

1 the CPC work steps of the Verizon VA [non-  
2 recurring cost model].<sup>33</sup>

3 The tasks that were identified for the “DS1 loop” involved CPC and were:

4 **\*\*\*BEGIN VERIZON PROPRIETARY**

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9 **END VERIZON PROPRIETARY\*\*\***

10 The activities identified by Verizon do not resemble the activities to  
11 process this CLEC request as Verizon claims. The work performed by the  
12 Engineer is far different from the work performed by the CPC. As an example the  
13 Engineer would use cable layout drawing and plant records in the selection  
14 process, to which the CPC technician has no such access. Verizon’s unidentified  
15 experts that purposely identified all of the tasks necessary to provision a request  
16 did not identify this activity being performed by the MLAC, nor did they identify  
17 the involvement of the Engineering personnel.

18 The forward-looking adjustments applied to CPC task #1 indicate 67%  
19 percent manual activity. That number proves AT&T/WorldCom’s point, that

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33 Verizon’s Response to AT&T/WCOM 10-146. Thus, contrary to its assertions, Verizon has failed to use actual work times to substantiate its claim that manual handling is (continued)

1       these tasks can be accomplished automatically and do not require manual tasks  
2       every time as Verizon would have this Commission believe. The inverse of this  
3       67% manual intervention incidence rate is a 33% flow through rate, which  
4       establishes that the OSS is capable of performing the assignment without manual  
5       intervention. The fallout claimed by Verizon represents situations where the  
6       database reflects neither the actual plant, nor the plant produced by the recurring  
7       cost model. The consequence is that Verizon must perform some manual  
8       database maintenance to update the OSS to reflect the plant conditions. The  
9       CLEC is not the cost causer in these cases. Verizon is responsible for maintaining  
10      its database(s) properly, and must bear the costs if it fails to do so. Furthermore,  
11      once the plant (*e.g.*, the interoffice paths) have been properly reflected in the  
12      TIRKS database, they are available to allow the future flow through of any  
13      additional requests including requests for similar services of Verizon's retail  
14      customers.

15   **Q.   DID VERIZON PROVIDE ACTUAL EXAMPLES OF THE FALLOUT**  
16   **FROM OSS THAT IT CLAIMS?**

17   A.   No. AT&T/WorldCom requested that Verizon provide the outputs from various  
18       order types to substantiate the types of fallout and manual activity it claims.<sup>34</sup>  
19       Specifically, AT&T/WCOM 9-35-c requested the OSS output that would be sent

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necessary for this task.

1 to the CPC-Specials workgroup. Instead of providing the requested evidence,  
2 Verizon merely made another objection, pointing to the Verizon non-recurring  
3 cost model as justification, and thus provided no information to support its  
4 contention that this fallout must occur.<sup>35</sup>

5 The OSS processing reports produced by the order types requested would  
6 have indicated the level of manual involvement needed to process the orders. In  
7 addition, they would have shown that the manual resolution involved is only  
8 performing database updates—a recurring cost activity. This discovery question  
9 was an opportunity for Verizon to substantiate its claims, but the reply was  
10 another indication of how little Verizon’s non-recurring cost study reflects actual  
11 conditions expected of the OSS. To date, Verizon has not provided information to  
12 support its contention that this fallout must occur.

13 Verizon’s refusal to produce information directly from the ordering  
14 process renders hollow and unsubstantiated its arguments that activities either

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34 See AT&T/WCOM 9-35.

35 Verizon’s Response to AT&T/WCOM 9-35-c states: “Verizon VA objects to each of the elements of this request on the grounds that the request is not material or relevant to this proceeding or, indeed, likely to lead to the discovery of relevant or material evidence. Further, it is not clear what purpose is served by providing OSS data the results of which are already shared with the CLECs on a daily, even hourly, basis, in the normal course of installing unbundled elements. The model already identifies the functions and activities associated with the processing of CLEC requests for service and the associated costs. In addition, UNEs 84 and 86, listed in the request, are not tariffed items. Also, UNEs 17, 19 and 21 have, in fact, yet to be ordered and, therefore, do not have “actual orders” that can be identified.”

1 cannot be mechanized or can only be mechanized at too high a cost. The reality is  
2 that many of these activities are mechanized; Verizon simply assumes that other  
3 activities should be handled manually for CLEC orders despite the requirement  
4 that non-recurring costs should be based on forward-looking, economically  
5 efficient assumptions.

6 **Q. IN CONTRAST TO VERIZON'S NON-RECURRING COST STUDY,**  
7 **WHAT APPROACH DID AT&T/WORLDCOM FOLLOW FOR**  
8 **DETERMINING NON-RECURRING COSTS?**

9 A. As Mr. Walsh explained in his direct testimony and supporting documentation,  
10 AT&T/WorldCom's NRCM began with the identification of all activities  
11 necessary for each UNE requested in a forward-looking network. Utilizing a  
12 forward-looking cost methodology, the AT&T/WorldCom NRCM develops a  
13 "bottoms-up" estimate of non-recurring costs. A "bottoms-up" cost estimate  
14 assembles the real time cost of each activity *in a process* to arrive at the overall  
15 cost of delivering a service. The AT&T/WorldCom NRCM provides a detailed  
16 step-by-step understanding of the systems required and the manual work activities  
17 performed by an ILEC in the ordering and provisioning of wholesale services and  
18 unbundled network elements. The model is designed to reflect the most efficient  
19 management and operations of existing ILEC OSSs. The activities are listed as  
20 outputs of the model, which are open for public scrutiny.

21 Exhibit NRC-1 to this testimony highlights the major differences between  
22 models. The AT&T/WorldCom NRCM shows the processing steps including

1 those steps necessary in Pre-Ordering, Service Ordering, and Provisioning. Each  
2 step within the process has a classification of cost, and those costs that are not  
3 truly non-recurring are indicated with an "R" to reflect that the costs are recovered  
4 elsewhere. The function of the OSS is reflected to show what processing takes  
5 place automatically. Surrebuttal Exhibit NRC-1 includes printouts of these steps  
6 in the respective models for the DS1 loop element.

7 The output of Verizon model for the same element, also shown in Exhibit  
8 NRC-1, reflects the activities of the various workgroups as a whole without  
9 consideration of the functions that take place automatically by the OSS. Without  
10 understanding the internal workings of the OSS, one would assume the entire  
11 process is manual.

12 **Q. VERIZON ASSERTS THAT AT&T/WORLDCOM'S 2% FALLOUT FOR**  
13 **PROVISIONING IS UNREALISTIC, IN PART BECAUSE IT FAILS TO**  
14 **TAKE INTO ACCOUNT THE LIKELY FALLOUT FROM THE MANY**  
15 **ADDITIONAL STEPS REQUIRED FOR COMPLEX PROVISIONING.<sup>36</sup>**  
16 **DO YOU AGREE?**

17 **A.** No. As we stated in direct and reply testimonies, manual intervention due to OSS  
18 fallout must be examined from the perspective of resolution of that fallout. If the  
19 resolution is not the result of a limitation of the OSS software, or a result of  
20 CLEC-caused errors, then the fallout should not be a non-recurring cost.

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36 Verizon NRC Panel Rebuttal at 14.

1 In support of its claims that additional steps are needed by the RCCC,  
2 Verizon states:

3 For example, based on empirical data, the RCCC  
4 needs to manually resolve roadblocks on an order  
5 for a Four-Wire Loop UNE about 25% of the time.<sup>37</sup>

6 This, however, is yet another unsubstantiated claim by Verizon for a non-  
7 recurring cost, which is entitled to little or no weight. In response to a request to  
8 provide all empirical data that supports its assertion that the RCCC must manually  
9 resolve roadblocks on an order for a Four-Wire Loop UNE, Verizon provided no  
10 evidence and instead relied upon the circular argument that its surveys *are* the  
11 proof, and that regardless of whom the cost causer is, Verizon is entitled to  
12 recover the cost from the CLEC.<sup>38</sup>

13 In particular, Verizon's response to AT&T/WCOM 10-147 indicated,  
14 "typically, roadblocks are the result of requests/orders that are written incorrectly

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37 Verizon NRC Panel Rebuttal at 15.

38 Verizon's Response to AT&T/WCOM 10-147 reads: "The empirical data is reflected in the results of the time surveys conducted for the RCCC function and in the occurrence factors documented in the model.

- i. Roadblocks include any problem preventing the successful completion of the CLEC request related to the ordering or provisioning process. Typically, roadblocks are the result of requests/orders that are written incorrectly or incorrect facility/CFA assignments.
- ii. Requests/orders may be written incorrectly by either the CLEC or Verizon VA. Incorrect facility assignments may result from CLEC or Verizon problems. In either case, the roadblock must be resolved in order to provision the request and is the simply the cost of doing business and a normal manifestation of operating a complex telecommunications network."

1 or [have] incorrect facility/CFA assignments.” But, the RCCC would have little  
2 to do with discovering a roadblock for a Four-Wire Loop UNE, as we explained  
3 in our reply testimony, because it would be the central office (“CO”) Frame  
4 technician who first discovers an incorrect facility/CFA assignment. It is far more  
5 efficient for the CO Frame technician to convey the incorrect information directly  
6 back to the Order’s originator (the CLEC) via a jeopardy notice. Verizon’s  
7 response to this discovery response demonstrates that the RCCC is just another  
8 unnecessary layer of cost.

9 **Q. VERIZON CLAIMS THAT IT IS UNAWARE OF ANY OSS THAT**  
10 **WOULD BE ABLE TO SUPPORT A FALLOUT RATE OF 2%.<sup>39</sup> PLEASE**  
11 **RESPOND.**

12 A. Verizon’s assertion is irrelevant and indicates Verizon’s failure to understand  
13 TELRIC. The relevant questions are: What fallout is forward looking? What  
14 fallout is attributable to CLECs? What fallout results in a non-recurring cost?  
15 Fallout in itself does not necessarily result in a non-recurring cost. What is  
16 important about fallout is the cause of the fallout and the resolution taken to  
17 resolve the fallout. If the CLEC caused the fallout (*e.g.*, by supplying incorrectly  
18 formatted data or error in content, resulting in a manual work necessary to resolve  
19 the fallout), then this would warrant a non-recurring cost. This follows because

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39 Verizon NRC Panel Rebuttal at 15.



1       there is a cost associated with notifying the CLEC that processing cannot continue  
2       unless the errors are resolved.

3               Verizon has not stated the percent of fallout that happens under this  
4       condition. Instead Verizon points to the *CLEC order* as the cause of the fallout.  
5       This is not a valid approach because, although the CLEC order may trigger the  
6       fallout, that is only because it brings to light the conditions of the ILEC's OSS  
7       that prevented the order from flowing through on its own. The ILEC must share  
8       in the costs of these conditions, through a recurring charge.

9               Mr. Walsh described four major categories<sup>40</sup> of electronic flow-through  
10      provisioning fallout. The categories are important because they point to the true  
11      cost causer—in most cases the ILEC. Verizon has not refuted this categorization,  
12      nor has it shown why the fallout in its model is caused by CLECs.

13   **Q.    VERIZON ARGUES THAT THE AT&T/WORLDCOM 2 % FALLOUT**  
14   **ASSUMPTIONS ARE INCORRECT BECAUSE SYSTEMS SUCH AS**  
15   **(SWBT) EASE SYSTEM OR PIC CHANGES HAVE LITTLE TO DO**  
16   **WITH WHOLESALE UNES. PLEASE RESPOND?**

17   A.    The OSS or technologies used to develop these systems are good examples of  
18       how companies can address situations to obtain increased flow-through  
19       processing. They are examples that were never intended to be directly applicable

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40       As discussed in the Direct Testimony of Richard J. Walsh at 16, there are four major categories of electronic flow-through provisioning fallout: 1) Database synchronization errors, 2) Network element denial 3) Communication errors, and 4) Synchronization errors.

1 to the wholesale provisioning of UNEs. Verizon's criticisms miss the point we  
2 established regarding fallout and its resolution. The mere fact that fallout happens  
3 is not a justification for a non-recurring charge. If it were, then ILECs could  
4 choose to process all requests manually by establishing conditions in which they  
5 ensure that fallout happens, such as the case where the TISOC manually handles  
6 orders for five or more loops. As AT&T/WorldCom has already established,  
7 policies such as these do not convert activities to non-recurring costs. In order for  
8 any fallout to be considered a non-recurring cost, the product of its resolution  
9 needs to be clearly established. If the resolution involves updates of data to  
10 systems where Verizon will reuse this data, then it is classified as a recurring cost,  
11 because it is a database maintenance activity.

12 **Q. VERIZON ALSO POINTS OUT THAT THE AT&T/WORLDCOM NRCM**  
13 **SPONSORS DID NOT BELIEVE "A 1-2% FLOW THROUGH**  
14 **PERFORMANCE [WAS] 'DO-ABLE' IN THE FORESEEABLE**  
15 **FUTURE."<sup>41</sup> PLEASE RESPOND.**

16 A. First we need to clarify what Verizon addresses. It is not a 1-2% flow through  
17 performance, it's a 1-2% fallout rate. Verizon has misinterpreted the events and  
18 discussion that ensued at the Denver forum. AT&T/WorldCom model developers  
19 addressed all such concerns and reached a consensus that the model portrayed  
20 proper non-recurring cost activities.

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41 Verizon NRC Panel Rebuttal at 15.

1           The AT&T/WorldCom model developers came from telecommunications  
2 industry, which experienced the day-to-day activities involved with provisioning  
3 ILEC retail services. During their professional careers, they witnessed the  
4 progression of OSS installations that were not synchronized with the conditions of  
5 the plant. Therefore, they saw many situations where conditions of the databases  
6 caused fallout to happen. How fallout activities related to cost classifications  
7 needed to be explained, because they were from technical backgrounds. This  
8 consensus was reached after discussions to which Verizon refers. It was  
9 concluded that, not only could fallout be avoided by proper database maintenance,  
10 but that the cost of fallout resolved through database maintenance is recurring  
11 cost. Any residual fallout, caused by CLECs would have a minimal occurrence  
12 factor. For these reasons, once the understanding that database maintenance  
13 activities were properly identified as recurring cost, members of the  
14 AT&T/WorldCom NRCM team agreed that 2% fallout was a conservative  
15 number.

16   **Q. VERIZON ASSERTS THAT “THE RCCC PLAYS IMPORTANT ROLES**  
17   **IN THE PROVISIONING OF NEW UNE LOOPS TO CLECS, AS WELL**  
18   **AS IN THE COORDINATION OF CRITICAL REAL-TIME EVENTS IN**  
19   **THE MIGRATION OF EXISTING VERIZON VA RETAIL CUSTOMERS**  
20   **TO CLECS VIA THE HOTCUT PROCESS.” IS THE RCCC AS**  
21   **NECESSARY AS VERIZON CLAIMS?**

22   **A.** No. As the AT&T/WorldCom Panel Reply on Non-Recurring Costs and  
23 Advanced Data Services pointed out, there are serious flaws with the RCCC  
24 activities represented in the Verizon non-recurring cost model. The most serious

1 are the assumptions regarding the RCCC involvement when facilities are being  
2 reused and the administrative role that they play in providing the so called  
3 “critical real-time events in the migration of existing Verizon VA retail customers  
4 to CLECs via the hotcut process.”<sup>42</sup>

5 The methods that AT&T/WorldCom suggested as a better process for  
6 migrating customers services to the CLEC have not been refuted by Verizon. The  
7 process we describe is better, in part, because it shows how little manual labor,  
8 from the RCCC or otherwise, should be needed. Verizon’s process is far more  
9 labor intensive, shifts control to a department that is unequipped to discover such  
10 problems, and disrupts the efficient work activities that would be available with  
11 existing OSS.

12 Substantial unnecessary costs reflected in Verizon’s study are the costs of  
13 manual coordination. In Verizon’s study, this coordination effort is provided by  
14 the RCCC work group. The RCCC does not fulfill a single physical task that is  
15 actually required to provision service, but is simply an awkward group that was  
16 created as an overlay to a normally mechanized flow of non-recurring work  
17 activity. Clearly, costs of manual coordination, which are derived from  
18 unnecessary human intervention, are not forward-looking.

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42 Verizon NRC Panel Rebuttal at 23.

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Coordination of provisioning activities is one of the basic capabilities of modern OSS, and a forward-looking cost study must recognize this.

AT&T/WorldCom presented an efficient forward-looking migration process, which demonstrated costs as indicated above are unnecessary. The almost

**\*\*\*BEGIN VERIZON PROPRIETARY           END VERIZON**

**PROPRIETARY\*\*\*** of RCCC involvement Verizon claims will be necessary for every request is by no means forward looking because a forward-looking process was never established.

**Q. CAN YOU DETERMINE THE RCCC FALLOUT RATE ASSOCIATED WITH THE FOUR-WIRE LOOP USED IN VERIZON’S EXAMPLE?**

A. Not easily. This is because Verizon’s non-recurring cost model does not identify the end-to-end process by which UNEs are provisioned and for which manual activity Verizon asserts is necessary. Verizon’s cost study does not reflect any processing that is being performed automatically by the OSS. As we discussed previously, AT&T/WorldCom requested that Verizon provide the OSS output of various orders indicating the involvement of the RCCC. Verizon objected to this request as well.

1           In yet another discovery question AT&T/WorldCom asked Verizon to  
2           explain how the RCCC technician can identify design problems as indicated by  
3           RCCC task #6 “Contact CPC to resolve design problems.” The request asked  
4           Verizon to explain why there is no corresponding CPC cost associated with the  
5           RCCC task #6. Verizon’s reply to subpart c of this question stated that “Design  
6           problems referenced in RCCC task “#6 relate to any possible design problem  
7           preventing the successful completion of the CLEC request related to the ordering  
8           or provisioning process.”<sup>43</sup> This answer makes no sense. It is analogous paying  
9           for car repairs without ever knowing whether the cause of the problem was caused  
10          by the manufacturer or covered under warranty. Verizon has done nothing to  
11          demonstrate the nature and cause of claimed costs, and why an RCCC coordinator  
12          would have the skill to discover such design problems. As we stated in our  
13          rebuttal testimony, the RCCC technician is unlikely to have the skill to detect  
14          such design problems.

15          Furthermore, this example demonstrates that Verizon has modeled the  
16          wrong process step, and seeks to recover costs for its own mistakes as a non-  
17          recurring cost. If the order was “provisioned” incorrectly as the result of the  
18          designed process managed by the CPC’s OSS (i.e. TIRKS), the correct resolution

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43          Verizon’s Response to AT&T/WCOM 10-148.

1 would not be an appropriate non-recurring cost. CLECs should not have to bear  
2 the costs for Verizon's mistakes.

3 In the event, the CLEC ordered incompatible network elements, the order  
4 must be returned to the CLEC for correction. Therefore, the RCCC technician  
5 would not be resolving the "design problems" with CPC, but with the CLEC, thus  
6 the task description is incorrect. In either case, the task as Verizon has portrayed  
7 it is an incorrect assumption of non-recurring cost and should not be allowed.

8 **Q. RELATIVE TO COMPLEX SERVICE SUCH AS A DS1 IOF, VERIZON**  
9 **ASSERTS "NO SYSTEM OF WHICH WE ARE AWARE CAN**  
10 **'ELECTRONICALLY DESIGN' SUCH AN ELEMENT 98% OF THE**  
11 **TIME AS AT&T/WORLDCOM APPARENTLY AND ERRONEOUSLY**  
12 **ASSUME."**<sup>44</sup> **DID AT&T/WORLDCOM ASK TO SEE THE FALLOUT**  
13 **PRODUCED BY THE OSS FOR THIS ORDER TYPE?**

14 **A.** Yes. In AT&T/WCOM 9-35 we asked for Verizon to produce copies of orders for  
15 the DS1 IOF element. Verizon objected to this request as well. The output from  
16 FACS/TIRKS OSS would have demonstrated the manual involvement if any  
17 required of the DS1 or DS3 interoffice facility.

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44 Verizon NRC Panel Rebuttal at 26.



1    **Q.    PLEASE DESCRIBE THE COMPONENTS THAT ARE NECESSARY**  
2    **FOR THE UNBUNDLED INTEROFFICE FACILITY (DS1 & DS3)?**

3    A.    As part of its recurring cost study, Verizon submitted IOF Transport Section #1  
4           Study Overview, Subsection #1.3 Cost Study Methodology that describes the IOF  
5           facility as:

6                       Network elements (NE) are the major equipment  
7                       components of circuit designs such as SONET add-  
8                       drop Multiplexer, electronic digital cross-connect  
9                       machines, D4 channel banks, fiber cable, poles, and  
10                      conduit. Investments for these items begin with  
11                      obtaining current contract prices from the  
12                      VERIZON purchasing organization. Information  
13                      from vendors and/or Verizon's engineering  
14                      organization enables the prices to be compiled into  
15                      typical equipment configurations. A complete price  
16                      configuration includes vendor engineering,  
17                      installation, transportation, right to use fees  
18                      (software), and discounts. Each NE is configured to  
19                      operate at its maximum practical capacity to  
20                      determine a total price. The total price is then  
21                      divided by the DS-0 capacity to produce an  
22                      equivalent price per DS-0 circuit that rides through  
23                      the NE. NE investments are produced by applying  
24                      VERIZON loadings to these prices. The loadings  
25                      include power, land, buildings, forward-looking  
26                      utilization, and installation.

27           Thus, according to Verizon, it determines and includes the cost of the components  
28           that will be necessary to interconnect the CLEC's equipment to its network, .

29           Most notable is the fact that the recurring cost study includes all of the vendor  
30           engineering, installation, transportation, right to use fees (software) and discounts.

31           In addition "each [network element] is configured to operate at its maximum  
32           practical capacity to determine a total price." Therefore, the interconnection

1 activity (of the ILEC's equipment) would be limited to placing the electronic  
2 cross-connects at the DCS that connect the ILEC's DS1 network elements to the  
3 CLEC's DS1 that was cabled and installed as part of the collocation arrangement.

4 Verizon maintains the inventory of interoffice facilities that transverse the  
5 ILEC's network between Central Offices in the TIRKS system. The Network  
6 Engineering recurring cost would include all OSS inventory necessary to reflect  
7 the network. The operation of the TIRKS system during the service order  
8 provisioning process would automatically construct an available path of the  
9 inventoried interoffice facilities between the ILEC's equipment and the CLEC's  
10 equipment. The "temporary" interconnections of the interoffice facilities, which  
11 would be the non-recurring cost activities, amount to an instruction that is sent via  
12 the OSS to the OPS/TNE that establishes the electronic cross-connect.

13 **Q. DID VERIZON'S NON-RECURRING COST MODEL REFLECT THE**  
14 **SAME ACTIVITIES TO INTERCONNECT THE INTEROFFICE**  
15 **FACILITY (DS1 & DS3)?**

16 A. No. Notably, the portion of the Verizon non-recurring cost model regarding the  
17 activities needed to provision and install the unbundled IOF begin with the so-  
18 called flow-through percentages that Verizon has included in its non-recurring  
19 cost model. For example, Verizon has assumed that the service ordering activity  
20 will flow-through Verizon's OSS 48.6% of the time. As we have already  
21 explained and in our reply testimony, this assumption suggests that the OSS can  
22 recognize a properly formatted request and pass it along to the

1 provisioning/activation OSS. Verizon did not produce any service ordering OSS  
2 output to prove AT&T/WorldCom's point that the process is automated. The  
3 question that remains open is the identification of the fallout and its causes.  
4 Although asked, Verizon has yet to produce any verifiable information as to the  
5 cause of its assumed fallout.

6 Verizon's provisioning activity (and flow through) includes the RCCC,  
7 which shows a worst case involvement of **\*\*\*BEGIN VERIZON**  
8 **PROPRIETARY END VERIZON PROPRIETARY\*\*\*** minutes. After  
9 Verizon's "forward-looking," adjustments, model reflects **\*\*\*BEGIN VERIZON**  
10 **PROPRIETARY END VERIZON**  
11 **PROPRIETARY\*\*\*** Thus, the RCCC involvement is only needed  
12 approximately half of the time. Verizon has only identified one task that is  
13 required on every order, RCCC Task #15, "[o]n plant test date, verify circuit for  
14 continuity and DD circuit is turned up to CLEC." This task represents a pre-  
15 completion inquiry via the OSS to see if the circuit has been turned up to the  
16 CLEC. Because this task is only a verification of the information in the OSS, the  
17 **\*\*\*BEGIN VERIZON PROPRIETARY END VERIZON**  
18 **PROPRIETARY\*\*\*** assigned to this task appears to be an inappropriate amount  
19 of time to perform a simple inquiry.

20 Considering what has been included in the recurring cost of the IOF  
21 facilities, then most, if not all, of the RCCC activities would be eliminated. As an  
22 example, the recurring cost study includes all costs associated with the network

1 element placement, thus no dispatch of technicians to place equipment is  
2 necessary and, as a result, no cost for this activity should be reflected as a non-  
3 recurring cost. Moreover the cross-connect between the CLEC's equipment and  
4 the ILEC's network is accomplished electronically via the DCS, therefore all  
5 additional CO wiring is unnecessary.

6 In addition any cost associated with equipment placement is recovered via  
7 recurring charges. This would also include the inventory that is maintained in the  
8 TIRKS system. Verizon has also included Network Engineering (for the DS3,  
9 which was recovered in the recurring rates as described above). If the TIRKS  
10 inventory is included as part of the recurring costs, then the likelihood of CPC-  
11 Specials involvement should also be reduced to reflect only CLEC-caused fallout.  
12 As this example shows, the Verizon non-recurring cost model includes many  
13 costs as non-recurring that should be recovered in the forward-looking recurring  
14 charges.